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PATENT #5

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Alexander Streltsov, Nicholas F. Borrelli, Charlene M. Smith,  
and Joseph F. Schroeder III

APPLN. NO: 09/954,500 CONFIRMATION NO: 8916

FILED: 17 September 2001 ART UNIT: 1752

TITLE: DIRECT WRITING OF OPTICAL DEVICES IN SILICA-BASED  
GLASS USING FEMTOSECOND PULSE LASERS

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 1.97(b)(3)**

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

This Statement is being filed before the mailing date of a first Office Action on the merits.

The enclosed additional prior art references, listed on Form PTO-SB9/08A, were identified by a foreign counsel as being of possible relevance to this application.

For any questions regarding this document and its enclosures, the Examiner is invited to call applicants' representative at the number listed below.

Respectfully submitted,

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Enclosures  
Dated: FEB 27 2002

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C., 20231.

Date of Deposit: FEB 27 2002

Signature:



<b>Substitute for form 1449B/PTO</b> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/954,500
				Filing Date	17 September 2001
				First Named Inventor	Alexander Streltsov
				Group Art Unit	1752
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	

ORIGINALY OF PAPERS  
ORIGINALY FILED

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	T <sup>2</sup>
		K.M. Davis, K. Miura, N. Sugimoto, and K. Hirao, "Writing waveguides in glass with a femtosecond laser", Optics Letters, Vol. 21, No. 21, Nov. 1, 1996, pp. 1729-1731. ✓	
		K. Miura, H. Inouye, J. Qiu, T. Mitsuyu, and K. Hirao, "Optical waveguides induced in inorganic glasses by a femtosecond laser", NIMB, B, 141, 1998, pp. 726-732.	
		K. Hirao, and K. Miura, "Writing waveguides in Silica-related Glasses with Femtosecond Laser", Jpn. J. Appl. Phys., Vol. 37, 1998, Suppl. 37-1, pp. 49-52.	
		K. O. Hill, Y. Fujii, D. C. Johnson, and B. S. Kawasaki, "Photosensitivity in optical fiber waveguides: Application to reflection filter fabrication", Appl. Phys. Lett. 32,(10), May 15, 1978, pp.647-649.	
		E. N. Glezer, M. Milosavljevic, L. Huang, R. J. Finlay, T.-H. Her, J. P. Callan, and E. Mazur, "Three-dimensional optical storage inside transparent materials", Opt. Lett. Vol. 21, No. 24, December 15, 1996, pp.2023-2025.	

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Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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